

State of Israel/Ministry of Agriculture
& Rural Development
Agricultural Research Organization
The Volcani Center
Office of the Director
Associate Director for Academic Affairs
& International Cooperation

מדינת ישראל/משרד החקלאות
ופיתוח הכפר
מינהל המחקר החקלאי
מרכז וולקני
לשכת ראש המינהל
ממונה על ענייני אקדמיה
וקשרים בינלאומיים

Program for Postdoctoral Fellowship Awards in Agriculture

Internal Ref # 36	Title of Research Project: The biology of chilling injury development in fresh produce during postharvest storage.	
Project Leader: Amnon Lers	Email: alers@volcani.agri.gov.il Phone: 03-9683608	
Institute: ARO, the Volcani Center Department: Postharvest Science of Fresh Produce		
The research team (other scientists):		
Short Description of Research Project (3-5 lines): Characterization of the mechanisms involved in the development of chilling injuries in leaves subjected to cold storage. Molecular and biochemical mechanisms associated with sensitivity and induced-resistance to chilling temperature will be characterized. Specific genes which have a central role in chilling resistance will be identified and their regulation and function will be investigated.		
Required Qualifications of Visiting Scientist: <i>Education:</i> Ph.D. in plant biology with preference to candidates specialized in plant physiology or molecular biology. <i>Scientific Experience:</i> Preferably candidates with good scientific experience in plant physiology, horticulture or molecular biology <i>Abilities and Skills:</i> Highly motivated, ability to conduct independent research and learn new methods. Good English.		